L12 ANSWER 91 OF 104 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1976:523913 CAPLUS <<LOGINID::20071130>>
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ORIGINAL REFERENCE NO.: 85:19897a,19900a
TITLE: Indazolecarboxylic acid derivatives
INVENTOR(S): Takayama, Masaharu; Nakao, Masaru; Inaba, Shigeho; Yamamoto, Hisao
PATENT ASSIGNEE(S): Sumitomo Chemical Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | | DATE |
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| JP 50157363 | A | 19751219 | JP 1974-64699 | | 19740606 |
| PRIORITY APPLN. INFO.: | | | JP 1974-64699 | A | 19740606 |

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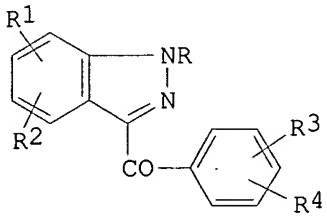
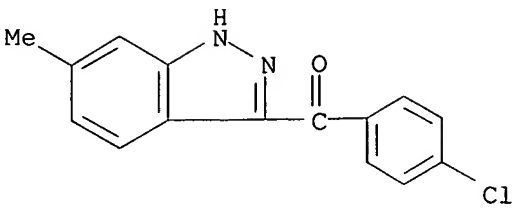


I, R=CHR5CO2R6
II, R=H

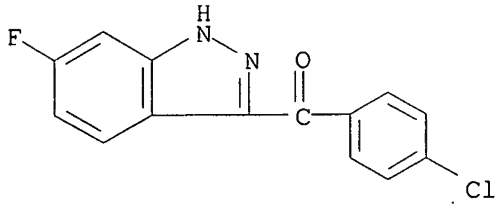
AB Indazole carboxylic acids I (R1, R2, R3, R4 = H, alkyl, alkoxy, CF3, halo; R1R2 may form a ring; R5, R6 = H, alkyl) were prepared by reaction of II with carboxylic acids XCHR5CO2R7 (R7 = alkyl, X = halo) followed, if needed, by hydrolysis. I had antiinflammatory, analgesic, and antipyretic activities (no data). Thus, 0.13 g 64% NaH in DMF was stirred with 0.76 g 6-methyl-3-(p-chlorobenzoyl)-1H-indazole 2 hr at 40°, 0.55 g BrCH2CO2Et in DMF added, and the whole stirred 2 hr at 40° to give Et 6-methyl-3-(p-chlorobenzoyl-1H-indazole-1-acetate (III). Hydrolysis of III with 2% NaOH-MeOH 3.5 hr at room temperature gave the corresponding free acid. Among 40 addnl. I prepared were α-[6-fluoro-3-p-chlorobenzoyl)-1H-indazol-1-yl]propionic acid (IV), IV Et ester, 3-(p-fluorobenzoyl)-1H-indazole-1-acetic acid, and 3-(p-methylbenzoyl)-1H-indazole-1-acetic acid.

IT 60472-64-2
RL: RCT (Reactant); RACT (Reactant or reagent)
(N-alkylation of)

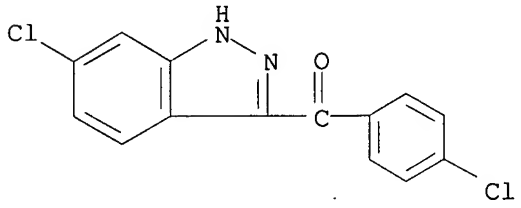
RN 60472-64-2 CAPLUS
CN Methanone, (4-chlorophenyl)(6-methyl-1H-indazol-3-yl)- (9CI) (CA INDEX NAME)



IT 60473-06-5 60473-11-2 60473-12-3
60473-13-4 60473-14-5 60473-15-6
60473-26-9 60473-27-0
RL: RCT (Reactant); RACT (Reactant or reagent)
(alkylation of, with bromoalkanoates)
RN 60473-06-5 CAPLUS
CN Methanone, (4-chlorophenyl)(6-fluoro-1H-indazol-3-yl)- (9CI) (CA INDEX NAME)



RN 60473-11-2 CAPLUS
CN Methanone, (6-chloro-1H-indazol-3-yl)(4-chlorophenyl)- (9CI) (CA INDEX NAME)



RN 60473-12-3 CAPLUS
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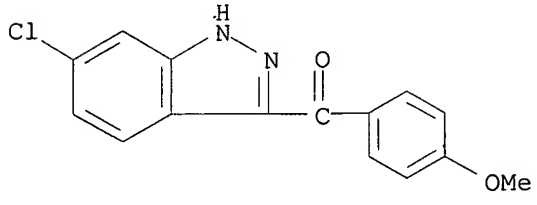

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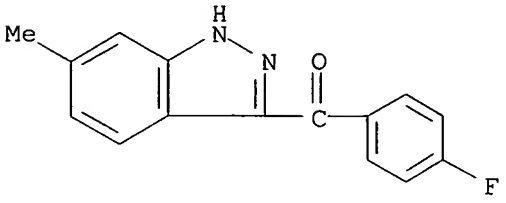


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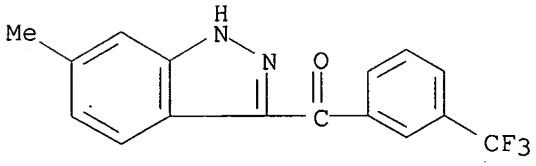


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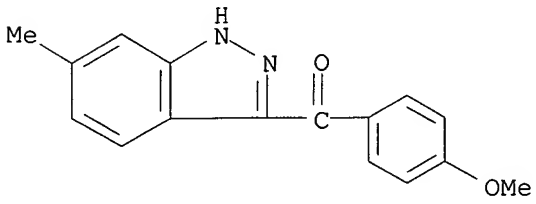


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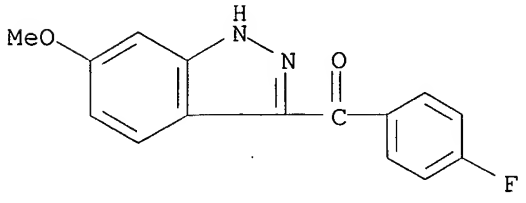

RN 60473-27-0 CAPLUS
CN Methanone, (4-chlorophenyl)(6-methoxy-1H-indazol-3-yl)- (9CI) (CA INDEX NAME)